

The Greening of Historic Boone Tavern Berea, KY



October 2, 2014

LEED Gold Certification 2010


- ▶ Awarded LEED Gold certification by USGBC
 - ▶ First LEED certified hotel in Kentucky as well as the Appalachian region
 - ▶ Goal was to complete the renovation of a 100 year old hotel and also educate guests about being “Green”
- ▶ The four primary guiding themes incorporated into the renovation were
- ▶ (1)Service (2) Cuisine (3) Crafts (4) Sustainability



LEED Score Card



first LEED certified **Hotel** in Kentucky

A photograph of the Boone Tavern, a large, white, classical-style building with a prominent portico supported by several columns. A blue banner hanging from the portico reads "NOW OPEN" and "THE BOONE TAVERN". The building is surrounded by greenery and a paved area in the foreground.

LEED® Facts

Boone Tavern Renovation
Berea, Kentucky

LEED for NC 2.2
Certification awarded February 5, 2010

Gold	45 points*
Sustainable Sites	7/14
Water Efficiency	4/5
Energy & Atmosphere	9/14
Materials & Resources	8/13
Indoor Environmental Quality	12/15
Innovation & Design	4/5

*Out of a possible 69 points

The information provided is based on that stated in the LEED® project certification documents. USGBC will conduct an audit to ensure the accuracy of the information. Each building's point requirements is based on its unique design, construction, operation, and maintenance. Future additions and modifications would affect the score.

Renovation Achievement- Service

- ▶ Number of guestrooms increased from 58 to 64.
- ▶ Install new guest elevator
- ▶ Additional meeting space available for expanded functions
- ▶ Implemented modern technologies that guests now expect (ex: wireless internet throughout building)
- ▶ Designated “Green” parking including electric car charging station
- ▶ Berea College students utilized as part of the College Labor program providing hospitality experience



Renovation Achievement- Service

- ▶ Dedicated Green Committee meets regularly to discuss new sustainability practices
- ▶ Complimentary bicycles provided to guests for recreation and local shopping
- ▶ All amenities are all natural and wrapped in low waste packaging
- ▶ Hotel Tours include history and sustainability information and education



Renovation Achievement- Cuisine

- ▶ Renovation included a complete upgrade of the kitchen improving equipment and layout
- ▶ 360 degree sustainable farm to table cycle
- ▶ Menu planning includes the incorporation of local foods and Kentucky Proud certified products
- ▶ Menus change seasonally to include locally sourced foods and menus are printed on recycled paper



Renovation Achievement- Crafts

- ▶ A majority of the building structure was preserved and reused to retain historic integrity
 - ▶ Original facility built in 1909 was built by the College's Woodwork Department using student made bricks
- ▶ Regional products, including furniture produced by Berea College's Student Craft Department , were used throughout the building. Wood was sourced from Berea College's green forest.



Renovation Achievement- Sustainability

- ▶ A total of 76% of the construction waste was diverted from landfill
- ▶ Low emissivity windows, energy star lighting, solar tubes and skylights provide natural light and reduce energy consumption
- ▶ Use of low VOC (volatile organic compound) paints, adhesive and carpets minimize ozone and other pollutants
- ▶ Increased ventilation improves air circulation throughout the building including ceiling fans in each guest room for comfort



Renovation Achievement- Sustainability

- ▶ All guest rooms feature a “master switch” which allows guests and staff the convenience of a one-switch power off to all electricity in the room
- ▶ Low flow toilets, shower heads and faucets enable guests to participate in water conservation
- ▶ Guests are offered the choice to reuse towels and linens in order to conserve water and energy

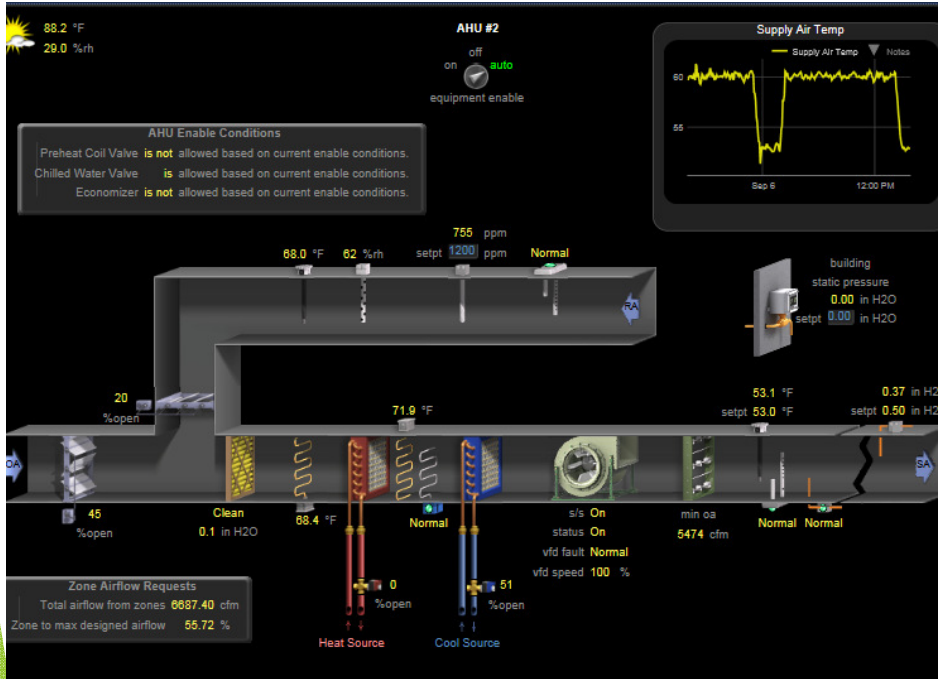


Renovation Achievement- Sustainability

- ▶ Energy efficient heating and cooling systems improve guest comfort and reduces annual energy consumption
- ▶ Automated Logic building automation system was installed as part of the HVAC upgrade
 - ▶ Assist with trouble shooting issues
 - ▶ Schedule rooms not being utilized to unoccupied
- ▶ Eliminated over 50,000 plastic bottles and 75,000 pounds of food waste going to the landfill each year.

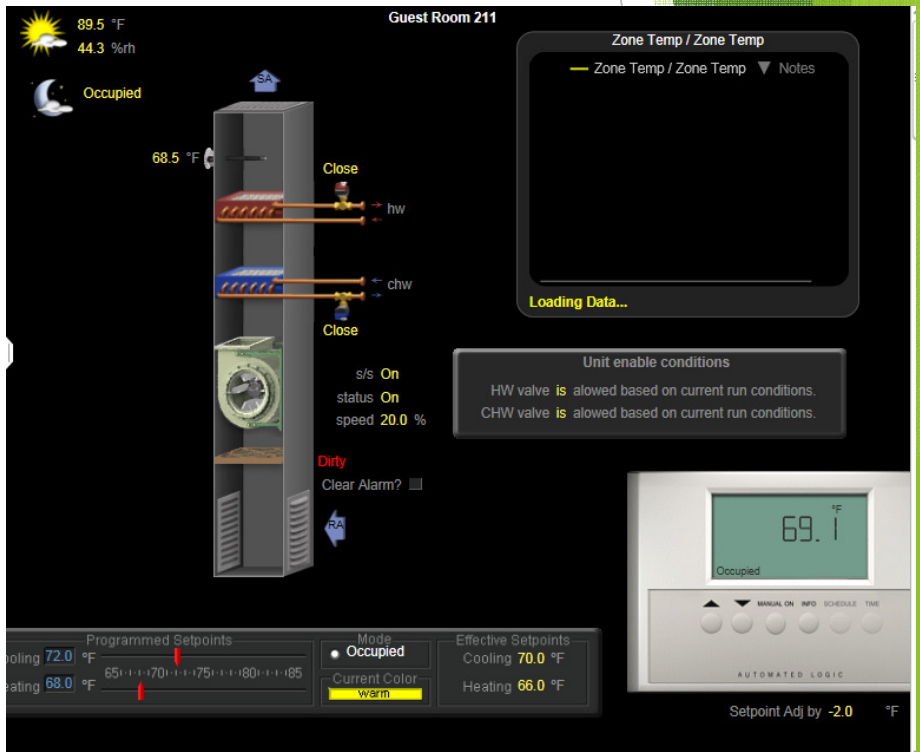


Service- Technology Driven



Air Handler Unit

Fan Coil Unit in Guest Room



Service- Technology Driven



Overall view



Being GREEN equals continued success!